

CLAIMS

1. A document input system comprising:

at least one digital copier for inputting a document image and information relating to the document image, the information including information about a transmission destination;

at least one system serving as a transmission destination of the document image inputted by the at least one digital copier;

storage means for storing the document image inputted by the at least one digital copier and information relating to the document image; and

transmitting means for reading the information relating to the document image stored in the storage means periodically and transmitting the document image corresponding to the read out information to one of the at least one system based on the read out information relating to the document image.

2. A document input system according to claim 1, wherein

the storage means includes sub-storage means, provided so as to correspond to the at least one system respectively, for storing the document image and the information relating to the document image, and

the transmitting means includes sub-transmitting means, provided so as to correspond to the at least one system respectively, for transmitting the document

image to one of the at least one system based on the information relating to the document image read out.

3. A document input system according to claim 2, wherein the digital copier comprises:

5 image input/output processing means for inputting the document image;

management means for inputting information relating to the document image inputted by the image input/output processing means; and

10 image input control means for determining a system which is a transmission destination of the document image inputted by the image input/output processing means based on the information relating to the document image inputted by the management means and storing the  
15 document image in the sub-storage means corresponding to the determined system.

4. A document input system according to claim 1, wherein the digital copier comprises:

20 job history storage means for storing history of various jobs including an input of the document image; and

job history management means for, if an error occurs in transmission of an inputted document image to a system of a transmission destination, storing  
25 information indicating an occurrence of the error in the job history storage means.

5. A document input system according to claim 3,

wherein the image input control means generates title  
for the document image based on information relating to  
a document image inputted by the management means and  
stores the generated title in the storage means with  
5 the document image.

6. A document input system according to claim 5,  
wherein the image input control means assigns  
priorities to the information relating to the document  
image and generates title for the document image based  
10 on the priorities.

7. A document input system according to claim 1,  
further comprising second storage means in which data  
storing time is longer than that of the storage means,  
and the transmitting means transfers the document image  
15 stored in the storage means and the information  
relating to the document image to the second storage  
means.

8. A document input system according to claim 1,  
wherein if an error occurs before an input of the  
20 document image is terminated, an occurrence of the  
error is notified at the digital copier and if an  
error occurs after the input of the document image is  
terminated, the occurrence of the error is notified to  
a system to which the document image inputted is  
25 transmitted.

9. A document input system according to claim 3,  
wherein until resetting to the information relating to

the document image inputted by the management means is specified or a predetermined time passes after the document image is inputted by the image input/output processing means, the image input control means treats  
5 the document image inputted by the image input/output processing means as a series of information.

10. A document input system according to claim 1, wherein the transmission destination is a document filing system, the transmitting means determines  
10 a title of a document image based on the information relating to the document image stored in the storage means and the determined title and the document image corresponding to the determined title are transmitted to the document filing system.

15 11. A document input system according to claim 1, wherein the transmission destination is E-mail server and the transmitting means transmits a document image stored in the storage means to the E-mail server as an attached file of an E-mail.

20 12. A document input system according to claim 1, further comprising recognition means for recognizing a character string included in the document image stored in the storage means,

wherein the transmission destination is an E-mail  
25 server and the transmitting means transmits the character string recognized by the recognition means to the E-mail server as data of a context of an E-mail.

13. A document input system according to claim 1,  
wherein the transmission destination is a groupware  
server and the transmitting means transmits the  
document image stored in the storage means to the  
5 groupware server.

14. A document input system according to claim 1,  
wherein the transmission destination is a client  
computer having a program for document edition and the  
document image transmitted from the transmitting means  
10 is used by the program.

15. A document input system according to claim 1,  
further comprising sub-storage means for storing the  
document image transmitted from the transmitting means,  
wherein the transmitting means, after the document  
15 image stored in the storage means is stored in the  
sub-storage means, transmits the document image to the  
transmission destination.

16. A document input system according to claim 1,  
further comprising sub-storage means for storing a  
20 document image transmitted from the transmitting means,  
wherein the transmitting means, if the document  
image information stored in the storage means can be  
transmitted to the transmission destination, transmits  
the document image information to the transmission  
25 destination and if not, stores the document image  
information in the sub-storage means.

17. A document input system according to claim 15,

wherein a storage area of the sub-storage means is divided for the at least one system.

18. A document input system according to claim 16,  
wherein a storage area of the sub-storage means is  
5 divided for the at least one system.

19. A document input method comprising:

storing a document image inputted by a digital  
copier and information relating to the document image,  
the information relating to the document image  
10 including information about transmission destination;  
and

reading the stored information relating to the  
document image periodically and transmitting the  
document image corresponding to the read out  
15 information relating to the document image to the  
transmission destination based on the read out  
information relating to the document image.